## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE **UTILITY PATENT APPLICATION TRANSMITTAL**

FIRST NAMED INVENTOR OR APPLICATION IDENTIFIER: SuPing Lyu et al.

CERTIFICATE UNDER 37 CFR §1.10: I hereby certify that this Utility Patent Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service, in an envelope 

MAIL STOP PATENT APPLICATION

P.O. Box	sioner for F 1450 ia, VA 223						
Sir:							
We are	transmitti	ing herewith the attached:					
X	Patent A	Application Transmittal					
X	Specific	cation:  Total pages: 31 (including claims and abstract: Spec. 13 sheets; Claims 17 sheets; Abstract 1					
X	Drawings:						
		Total sheets: 14					
$\boxtimes$	Combin	Combined Declaration and Power of Attorney: ⊠ executed					
		copy from prior application					
		Deletion of Inventor(s) - Signed statement attached deleting inventor(s) named in the prior application (37 CFR 1.63(d)(2) and 1.33(b)					
Incorporation by Reference - The entire disclosure of the prior application, from which a copy of the oath declaration is supplied above is considered as being part of the disclosure of the accompanying applications hereby incorporated by reference therein.							
X		companying application parts:					
		Notification of filing a Assignment of the Invention to Medtronic, Inc.					
	$\boxtimes$	Assignment cover sheet Information Disclosure Statement					
		PTO Form 1449					
		Copies of IDS citations Preliminary Amendment					
	X	A copy of the Petition or Conditional Petition for Extension of Time in the prior application.  Return Postcard					
IF A CC	NTINUIN	G APPLICATION:					
		Continuation					
		mend the specification by inserting before the first line the sentence:This application is a of oplication Serial No. , filed , now allowed					
		Cancel in this application original claims of the prior application before calculating the filing fee. (At least the original independent claim must be retained for filing purposes.)					
	☐ The prior application is assigned of record to Medtronic, Inc.						
		The Power of Attorney in the prior application is to:					

	This application claims the benefit of U.S.	Provisional Application(s) Serial No.(s), filed
X	Address all future correspondence to:	Elisabeth L. Belden, Reg. No. 50,751 Telephone: (763) 514-4083 Customer No. 27581

FEE CALCULATION	No. of Claims Filed	Claims Included in Base Fee		No. of Extra Claims	Rate	Fee
Total Claims	113	20	=	93	x 18	1674
Independent Claims	5	3	=	2	x 86	172
Multiple Dependent Claims	0			0	+ 290	0
Basic Filing Fee						\$770.00
				•	TOTAL	2616.00

- X Charge Deposit Account No. 13-2546 in the amount of \$2656.00 for the filing fee and assignment recordation fee.
- The Commissioner is hereby authorized to charge any fees which may be required under 37 CFR 1.16 and 1.17, or credit any Χ overpayment to Deposit Account No. 13-2546. A duplicate of this transmittal is enclosed.

March 30, 2004

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